STIC Search Report
Biotech-Chem Library

STIC Database Tracking Number: Publication date request

TO: Dave Nguyen **Location: rem/2d31/2c18** **Art Unit: 1632** **Wednesday, May 19, 2004** **Case Serial Number: Pub date**	**From: David Schreiber** **Location: Biotech-Chem Library** **Remsen E01A61** **Phone: 272-2526** **david.schreiber@uspto.gov**

Search Notes

PMID- 10836017
OWN - NLM
STAT- completed
DA - 20000626
DCOM- 20000626
LR - 20001218
IS - 1523-7060
VI - 1
IP - 10
DP - 1999 Nov 18
TI - Aminoethylprolyl peptide nucleic acids (aepPNA): chiral PNA analogues that form highly stable DNA:aepPNA2 triplexes.
PG - 1513-6
AB - [formula: see text] The replacement of the glycyl component in the peptide nucleic acid (PNA) backbone by a prolyl unit bearing a nucleobase leads to the aminoethylprolyl (aep) PNAs, which are chiral and cationic. The homooligomeric aepPNA binds to complementary DNA sequences with high affinity and sequence specificity, forming highly stable triplexes.
AD - Division of Organic Chemistry (Synthesis), National Chemical Laboratory, Pune, India.
FAU - D'Costa, M
AU - D'Costa M
FAU - Kumar, V A
AU - Kumar VA
FAU - Ganesh, K N
AU - Ganesh KN
LA - eng
PT - Journal Article
PL - UNITED STATES
TA - Org Lett
JID - 100890393
RN - 0 (Oligodeoxyribonucleotides)
RN - 0 (Peptide Nucleic Acids)
RN - 0 (triplex DNA)
RN - 9007-49-2 (DNA)
SB - IM
MH - DNA/*chemistry
MH - Nucleic Acid Conformation
MH - Oligodeoxyribonucleotides/chemistry
MH - Peptide Nucleic Acids/*chemical synthesis/chemistry
MH - Support, Non-U.S. Gov't
EDAT- 2000/06/03 09:00
MHDA- 2000/07/06 11:00
PST - ppublish
SO - Org Lett 1999 Nov 18;1(10):1513-6.

← Electronic publishing date in PubMed

see last page of this document

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NEWS 7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
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NEWS 20	May 17	FRFULL now available on STN

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FILE LAST UPDATED: 18 May 2004 (20040518/ED)

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L1 40 D COSTA M?/AU

=> s kumar v?/au
L2 2458 KUMAR V?/AU

=> s l1 and l2
L3 5 L1 AND L2

=> d l3 ibib abs ed 5

L3 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1999:663052 HCAPLUS
DOCUMENT NUMBER: 132:251401
TITLE: Aminoethylprolyl Peptide Nucleic Acids (aepPNA): Chiral PNA Analogues That Form Highly Stable DNA:aepPNA2 Triplexes
AUTHOR(S): **D'Costa, Moneesha; Kumar, Vaijayanti A.**; Ganesh, Krishna N.
CORPORATE SOURCE: Division of Organic Chemistry (Synthesis), National Chemical Laboratory, Pune, 411008, India
SOURCE: Organic Letters (1999), 1(10), 1513-1516

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CODEN: ORLEF7; ISSN: 1523-7060
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The replacement of the glycyl component in the peptide nucleic acid (PNA) backbone by a prolyl unit bearing a nucleobase leads to the aminoethylprolyl (aep) PNAs, which are chiral and cationic. The homo-oligomeric aepPNA binds to complementary DNA sequences with high affinity and sequence specificity, forming highly stable triplexes.
ED Entered STN: 19 Oct 1999
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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Copyright **Search Records Results**

Serials Database (Title Search)
Search For: ORGANIC LETTERS
Items 1 - 8 of 8
Note the following codes that occur within listings:
a=author c=claimant ac=author and claimant

Conduct Another Search

Title: Organic letters
Additional Information: . -- Vol. 1, no. 1, July 15, 1999-.
Note: Biweekly.
International Standard Serial Number: ISSN 1523-7060 = Organic letters.
Claimant: * acAmerican Chemical Society. v. 1, no.
TX 5-015-304 18Oct99; 6, 23Sep99. DCR 1999; PUB 16Sep99;
TX 5-015-213 12Nov99; 7, 7Oct99. DCR 1999; PUB 30Sep99;
TX 5-016-014 12Nov99; 8, 21Oct99. DCR 1999; PUB 14Oct99;
TX 5-038-034 23Nov99; 9, 4Nov99. DCR 1999; PUB 28Oct99;
TX 5-023-664 6Dec99; 10, 18Nov99. DCR 1999; PUB 11Nov99;
TX 5-038-475 6Jan00; 11, 2Dec99. DCR 1999; PUB 24Nov99;
TX 5-049-334 6Jan00; 12, 16Dec99. DCR 1999; PUB 9Dec99;
TX 5-041-026 13Jan00; 13, 30Dec99. DCR 1999; PUB 22Dec99; v. 2
TX 5-055-516 1Feb00; 1, 13Jan00. DCR 2000; PUB 7Jan00;
TX 5-046-574 2Feb00; 2, 27Jan00. DCR 2000; PUB 20Jan00;
TX 5-058-921 23Feb00; 3, 10Feb00. DCR 2000; PUB 3Feb00;
TX 5-062-925 14Mar00; 4, 24Feb00. DCR 2000; PUB 17Feb00;
TX 5-108-229 17May00; 5, 9Mar00. DCR 2000; PUB 2Mar00;
TX 5-108-263 17May00; 6, 23Mar00. DCR 2000; PUB 16Mar00;
TX 5-109-379 14Jun00; 8, 20Apr00. DCR 2000; PUB 14Apr00;

Title: Organic letters
Additional Information: . -- Vol. 1, no. 1, July 15, 1999-.
Note: Biweekly.
International Standard Serial Number: ISSN 1523-7060 = Organic letters.
Claimant: * acAmerican Chemical Society. v. 2, no.
TX 5-116-117 18May00; 7, 6Apr00. DCR 2000; PUB 30Mar00;
TX 5-115-511 18May00; 9, 4May00. DCR 2000; PUB 27Apr00;
TX 5-115-582 31May00; 10, 18May00. DCR 2000; PUB 11May00;
TX 5-148-036 7Aug00; 11, 1Jun00. DCR 2000; PUB 25May00;